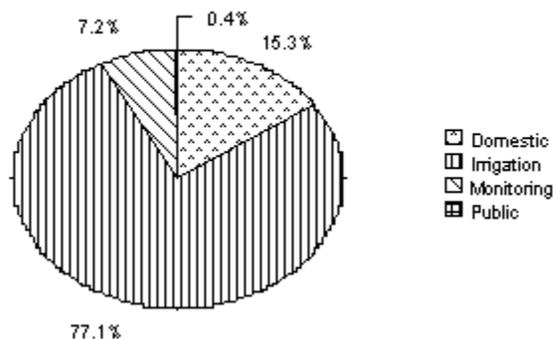


| | Number of wells analyzed (# of samples) | Number of wells w/ detects (# of samples) | Number of wells w/ detects located in a 'moderate' or 'high' vulnerability* | Number of wells w/ detects in areas of dense irrigation (>= 108 irrigation wells/township)* | Percentage of wells w/detects meeting either the vulnerability or well density criteria | Percentage of all wells meeting either the vulnerability or well density criteria | Number of wells exceeding 1/2 of respective MCL or other standard (and meeting vulnerability or well density criteria) | Number of wells exceeding respective MCL or other standard (and meeting vulnerability or well density criteria) |
|-----------------------|---|---|---|---|---|---|--|---|
| alachlor | 223 (288) | 8 (8) | 5 | 2 | 63 | 64 | 0 (0) | 0 (0) |
| atrazine | 223 (288) | 35 (42) | 27 | 4 | 77 | 64 | 0 (0) | 0 (0) |
| desethyl atrazine | 147 (212) | 45 (67) | 32 | 8 | 76 | 59 | | |
| desisopropyl atrazine | 147 (212) | 0 | 0 | 0 | 0 | 59 | | |
| didealkyl atrazine | 0 | 0 | 0 | 0 | 0 | 0 | | |
| metolachlor | 215 (279) | 14 (15) | 11 | 3 | 76 | 64 | 0 (0) | 0 (0) |
| simazine | 147 (212) | 0 | 0 | 0 | 0 | 59 | 0 (0) | 0 (0) |
| Totals | 223 (1491) | 56 (132) | 38 | 8 | 71 | 64 | | |

Percentage of Samples by Well Type (1990 - present)



Distribution of Concentrations from Samples with Detects

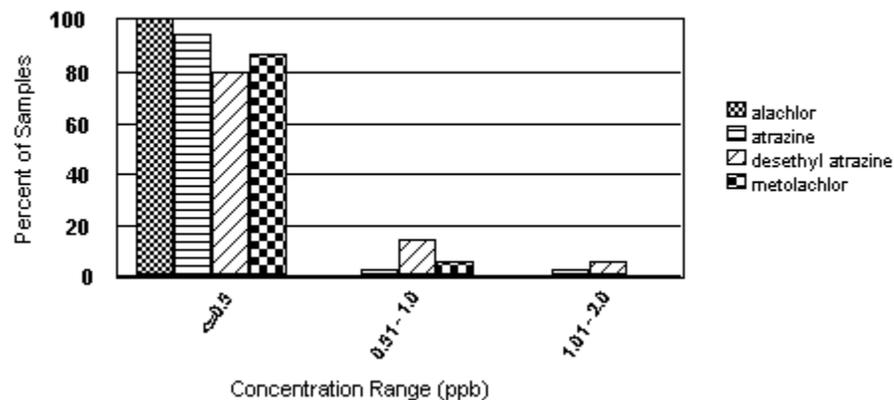


Figure 41. Summary of the samples analyzed for PMP herbicides since 1990 in the Upper Elkhorn NRD. Taken from the Quality-assessed Agrichemical Contaminant Database for Nebraska Ground Water, February, 2001 update. * see the vulnerability discussion for an explanation of these criteria.